
# LC JET™ System

## Model C

## The Fastest High Capacity Fraction Collector

ARC™
AIM RESEARCH COMPANY

*Research, Designed Better*

www.AIMResearchCompany.com

# Fast and Accurate Jet Technology™

## Collect Fractions Efficiently (Down to ~0.2 sec per fraction!)

We use high precision motors that allow our system to move between wells and plates with high speed. Jet Technology expels remaining liquid from the needle before movement instead of traditional gravity fed flow, allowing for consistent and low fraction sizes per well.

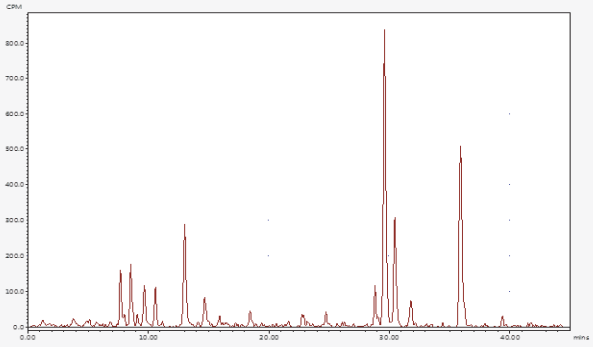
## No Spilling or Carryover for Accurate Results

Our Jet Technology ensures that no liquid sample is lost as the needle moves from well to well. Since liquid sample is ejected from the needle, no sample is carried over unexpectedly to the next well for unmatched precision.

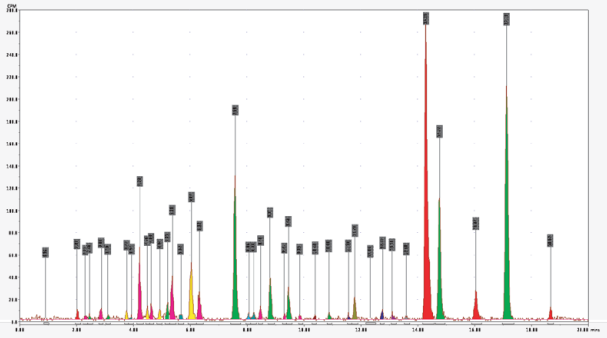
## LCJet Model C's Jet Technology Offers High Resolution Radiochromatogram in Drug Metabolism

LCJet Model C performs in low intensity with good area ratio, close peak quantification, and well detected main peaks. This is great for low concentration samples like plasma.

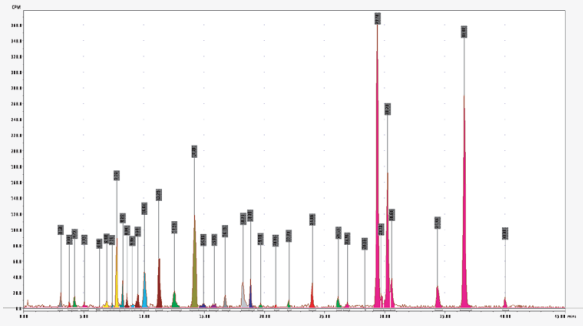
UHPLC **32000 dpm**, 45min online detection



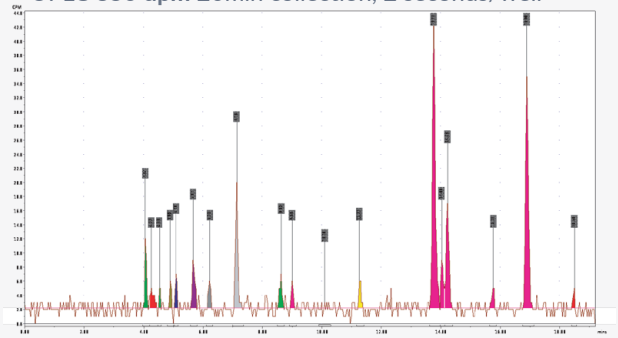
UPLC **3500 dpm** 20min collection, 1.25 seconds/well



UPLC **3500 dpm** 45min collection, 3 seconds/well

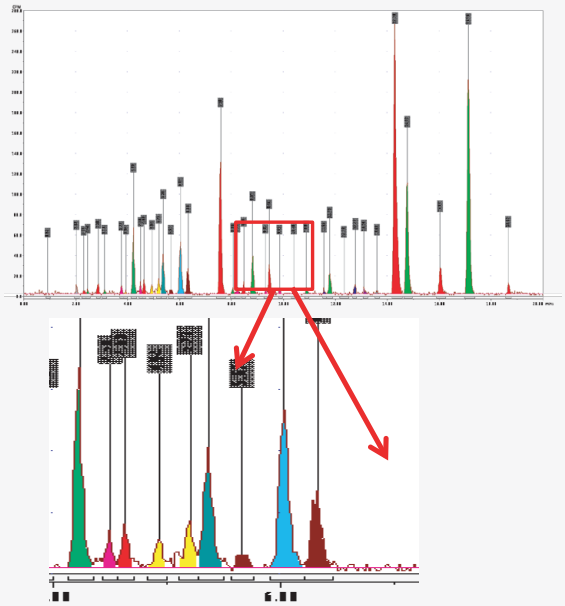


UPLC **350 dpm** 20min collection, 2 seconds/well

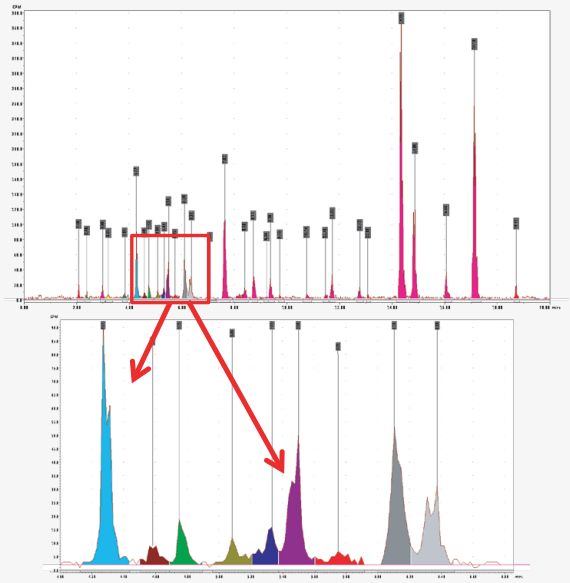


### Jet Technology is Important for Maintaining Consistency for Short Fraction Sizes (1 Second or Less)

UPLC 1.25 seconds/well, **using Jet technology**



UPLC 1.25 seconds/well, **without using Jet technology**



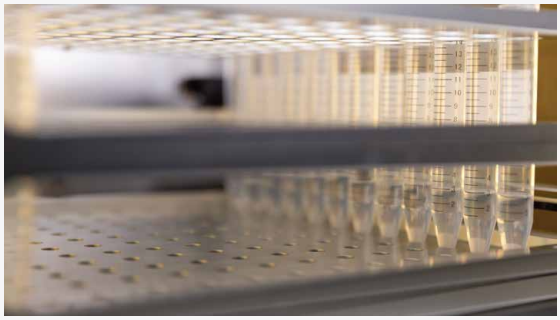
You can see that using Jet Technology reduces carryover, resulting in better and higher resolution peaks.

UHPLC data from SERVIER

# High Capacity

### Holds Up to 48 Plates

The LCJet Model C can house up to 8 removable trays, each holding up to 6 standard plates (96 and 384 well plates). These trays also support custom plate configurations (vials and test tubes) for any application need.



### Other Specifications

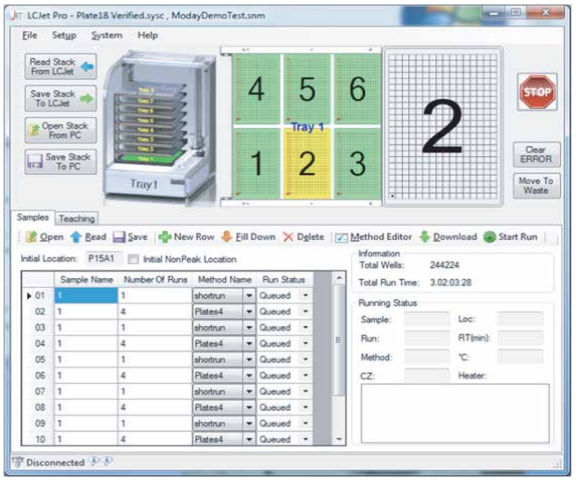
Voltage/frequency: 110 and 220 AC

# Time-saving Integrated Drying

LCJet Model C offers optional integrated heating units for drying samples during and/or after collection. Automated drying elminates intermediate scientist intervention and saves our users time after finishing long or overnight runs. The integrated dryer can heat plates up to 50°C.

# Seamless Software

Our proprietary LCJet Pro™ software gives you the power to bring novel ideas to life. With advanced control capabilities, users can access powerful customization options for system configurations, automated drying, and run execution.




### LCJet for Your Needs

LCJet Pro software allows users to design their own custom setup of methods and plate configurations. With powerful teaching tools for custom plate layouts and tray configurations, simply save and load these custom settings as needed to repeat settings. With standard contact closure communication, users can integrate with other systems already in use.

# Dedicated to Improving Your Research

### Get a Quote and Demonstration

Interested in LCJet Model C? Visit our website (see below) to request a quote. Contact us to schedule a demo of our instrument in your lab environment by one of our knowledgable service engineers.

### Extensive Customer Support

We offer preventative maintenance appointements to complete support plans. We are highly dedicated to our users with quick response times and detailed communication. We support our customers in any setup and application they have.

### Options to Fit Your Needs

With various customizable options, there is a setup that will meet your research and budget needs. Contact us to learn more.

## Contact Us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